

## **Phase II Acid Rain Permit**

### **INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT Office of Air Management**

**Source Name:** Worthington Generation, L.L.C.  
**Source Location:** South of the Intersection of Routes 67/231  
and Route 57 in Greene County,  
near Worthington, Indiana  
**Operated by:** Worthington Generation, L.L.C.  
**ORIS Code:** 55148

The above company is hereby authorized to operate subject to the conditions contained herein, four (4) natural gas-fired turbines, identified as Turbines 1, 2, 3, and 4, each with a net generating capacity of approximately 45 MW and a maximum design heat input capacity of approximately 460 million Btus per hour, with water injection for control of NO<sub>x</sub> emissions. Combustion emissions will be exhausted through a stack for each unit designated as 1, 2, 3, and 4.

Operation Permit No.: AR 055-11032-00034	
Issued by:  Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date:  Expiration Date:

## Section E Title IV Acid Rain

### 326 IAC 21 and 40 CFR 72 through 40 CFR 78, and 58 FR 3590

Facilities Description: four (4) natural gas-fired turbines, identified as Turbines 1, 2, 3, and 4, each with a net generating capacity of approximately 45 megawatts and a maximum design heat input capacity of 460 million Btus per hour, with water injection for control of NO<sub>x</sub> emissions. Combustion emissions will be exhausted through a stack for each unit designated as 1, 2, 3, and 4.

#### E.1.1 Statement of Basis

Statutory and Regulatory Authorities: In accordance with IC 13-17-3-4, IC 13-17-3-11, IC 13-17-8-1, and IC 13-17-8-2 as well as Title IV - Acid Deposition Control - Section 400 of the Clean Air Act, the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM) issues this permit pursuant to 326 IAC 2 and 326 IAC 21 (incorporates by reference 40 CFR 72 through 78).

#### E.1.2 Standard Permit Requirements [326 IAC 21]

- (a) The designated representative has submitted a complete Acid Rain permit application in accordance with the deadlines in 40 CFR 72.30.
- (b) The owners and operators of each affected source and each affected unit shall operate the unit in compliance with this Acid Rain permit.

#### E.1.3 Monitoring Requirements [326 IAC 21]

- (a) The owners and operators and, to the extent applicable, the designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR 75.
- (b) The emissions measurements shall be recorded and reported in accordance with 40 CFR 75 and 72.9(b)(1) and (2) to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (c) The requirements of 40 CFR 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or emissions characteristics at the unit required by the Clean Air Act and any provisions of the operating permit for the source.

#### E.1.4 Sulfur Dioxide Requirements [326 IAC 21]

- (a) The owners and operators of each source and each affected unit at the source shall:
  - (1) Hold allowances, as of the allowance transfer deadline (as defined in 40 CFR 72.2), in the unit's compliance subaccount, after deductions under 40 CFR 73.34(c), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
  - (2) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (b) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Clean Air Act.
- (c) An affected unit shall be subject to the requirements under paragraph (a) of the sulfur dioxide requirements as follows:

- (1) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or
- (2) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR 75, an affected unit under 40 CFR 72.6(a)(3).
- (d) Allowances shall be transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (e) These units were not allocated allowances by United States Environmental Protection Agency (U.S. EPA) under 40 CFR part 73. However, these units must still comply with the requirement to hold allowances to account for sulfur dioxide emissions under E.1.4(a) and 326 IAC 21.
- (f) An allowance allocated by the U.S. EPA under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, the Acid Rain portion of an operating permit, or the written exemption under 40 CFR 72.7 and 72.8 and 326 IAC 21, and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization. Pursuant to 40 CFR 72.9(c)(7), allowances allocated by U.S. EPA do not constitute a property right.
- (g) Units 1, 2, 3, and 4 have no sulfur dioxide (SO<sub>2</sub>) allowance allocations from U.S. EPA. The allowances shall be obtained from other units to account for the SO<sub>2</sub> emissions from these units as required by 40 CFR 72.9(c).

E.1.5 Nitrogen Oxides Requirements [326 IAC 21]

Pursuant to 40 Code of Federal Regulations (CFR) 76, Acid Rain Nitrogen Oxides Emission Reduction Program, the units are not subject to the nitrogen oxide limitations set out in 40 CFR 76.

E.1.6 Excess Emissions Requirements for Sulfur Dioxide [326 IAC 21]

- (a) The designated representative of an affected unit that has excess emissions of sulfur dioxide in any calendar year shall submit a proposed offset plan to U.S. EPA and IDEM, OAM as required under 40 CFR 77 and 326 IAC 21.
- (b) The designated representative shall submit such required information to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

and

Ms. Cecilia Mijares  
Air and Radiation Division  
U.S. Environmental Protection Agency, Region V  
77 West Jackson Boulevard  
Chicago, IL 60604-3590

and

U.S. Environmental Protection Agency  
Acid Rain Program (6204J)  
Attn.: Annual Reconciliation  
401 M Street, SW  
Washington, DC 20460

- (c) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
  - (1) Pay to U.S. EPA without demand the penalty required, and pay to U.S. EPA upon demand the interest on that penalty, as required by 40 CFR 77 and 326 IAC 21; and
  - (2) Comply with the terms of an approved sulfur dioxide offset plan, as required by 40 CFR 77 and 326 IAC 21.

**E.1.7 Record Keeping and Reporting Requirements [326 IAC 21]**

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- (a) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years, as required by 40 CFR 72.9(f), from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by U.S. EPA or IDEM, OAM:
  - (1) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
  - (2) All emissions monitoring information, in accordance with 40 CFR 75;
  - (3) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and
  - (4) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (b) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR 72.90 subpart I, 40 CFR 75, and 326 IAC 21. Submit required information to the appropriate authority(ies) as specified in 40 CFR 72.90 subpart I and 40 CFR 75.

**E.1.8 Submissions [326 IAC 21]**

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- (a) The designated representative shall submit a certificate of representation and any superseding certificate of representation to U.S. EPA in accordance with 40 CFR 72 and 326 IAC 21.
- (b) The designated representative shall submit such required information to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015



and

U.S. Environmental Protection Agency  
Acid Rain Program (6204J)  
Attn.: Designated Representative  
401 M Street, SW  
Washington, DC 20460

- (c) Each such submission under the Acid Rain Program shall be submitted, signed and certified by the designated representative for all sources on behalf of which the submission is made.
- (d) In each submission under the Acid Rain Program, the designated representative shall certify, by his or her signature the following statement, which shall be included verbatim:
  - (1) I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made, and
  - (2) I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.
- (e) The designated representative of a source shall notify each owner and operator of the source and of an affected unit at the source:
  - (1) By the date of submission, of any Acid Rain Program submissions by the designated representative,
  - (2) Within 10 business days of receipt of any written determination by U.S. EPA or IDEM, OAM, and
  - (3) Provided that the submission or determination covers the source or the unit.
- (f) The designated representative of a source shall provide each owner and operator of an affected unit at the source a copy of any submission or determination under condition (d) of this section, unless the owner or operator expressly waives the right to receive a copy.

**E.1.9 Severability [326 IAC 21]**

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Invalidation of the Acid Rain portion of an operating permit does not affect the continuing validity of the rest of the operating permit, nor shall invalidation of any other portion of the operating permit affect the continuing validity of the Acid Rain portion of the permit [40 CFR 72.72(b), 326 IAC 21, and 326 IAC 2-7-5(5)].

E.1.10 Liability [326 IAC 21]

- (a) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, an Acid Rain permit, an Acid Rain portion of an operation permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement by U.S. EPA pursuant to section 113(c) of the Clean Air Act and IDEM pursuant to 326 IAC 21 and IC 13-30-3.
- (b) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Clean Air Act and 18 U.S.C. 1001 and IDEM pursuant to 326 IAC 21 and IC 13-30-6-2.
- (c) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (d) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (e) Any provision of the Acid Rain Program that applies to an affected source, including a provision applicable to the designated representative of an affected source, shall also apply to the owners and operators of such source and of the affected units at the source.
- (f) Any provision of the Acid Rain Program that applies to an affected unit, including a provision applicable to the designated representative of an affected unit, shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans) and 40 CFR 76.11 (NO<sub>x</sub> averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR 75, including 40 CFR 75.16, 75.17, and 75.18, the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (g) Each violation of a provision of 40 CFR Parts 72, 73, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Clean Air Act.

E.1.11 Effect on Other Authorities [326 IAC 21]

No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, an Acid Rain portion of an operation permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (a) Except as expressly provided in Title IV of the Clean Air Act (42 USC 7651 to 7651(o)), exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Clean Air Act, including the provisions of Title I of the Clean Air Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;

- (b) Limiting the number of allowances a unit can hold, provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Clean Air Act;
- (c) Requiring a change of any kind in any state law regulating electric utility rates and charges, affecting any state law regarding such state regulation, or limiting such state regulation, including any prudence review requirements under such state law;
- (d) Modifying the Federal Power Act (16 USC 791a et seq.) or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- (e) Interfering with or impairing any program for competitive bidding for power supply in a state in which such a program is established.

**Indiana Department of Environmental Management  
Office of Air Management**

**Statements of Basis for Issuance of  
Title IV Operating Permit**

**Source Name:** Worthington Generation, L.L.C.  
**Source Location:** South of the Intersection of Routes 67/231  
and Route 57 in Greene County,  
near Worthington, Indiana  
**Operated by:** Worthington Generation, L.L.C.  
**Oris Code:** 55148  
**Acid Rain Permit No.:** AR-055-11032-00034  
**Permit Reviewer:** Robert Ondrusek

**Facilities to be Title IV Permitted**

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The Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM) has reviewed an application from Worthington Generation, L.L.C. (formally AES Greenfield, LLC) relating to the Title IV, Acid Rain Program to operate a source consisting of four (4) natural gas-fired turbines, identified as Turbines 1, 2, 3 and 4, each with a net generating capacity of approximately 45 megawatts and a maximum design heat input capacity of 460 million British thermal units (Btus) per hour, with water injection for control of NO<sub>x</sub> emissions. Combustion emissions will be exhausted through a stack on each unit designated as 1, 2, 3, and 4.

**Statements of Basis**

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The Acid Rain Program's goal is to achieve a reduction in the amount of sulfur dioxide and nitrogen oxides released to the atmosphere from power plants. These two pollutants play a large role in the formation of acid rain. There are no known direct human health effects from acid rain. Acid rain does have a harmful effect on aquatic animals. It can also be harmful to essential soil bacteria. Additional information regarding acid rain and the Acid Rain Program can be found on the Internet at United States Environmental Protection Agency's (U.S. EPA) site, at <http://www.epa.gov/acidrain/>. Additional information in the form of maps showing the results of precipitation monitoring can be found on the Internet under <http://nadp.sws.uiuc.edu>.

The U.S. EPA has set a limit on the amount of sulfur dioxide emissions and the emission rate of nitrogen oxides for all regulated power plants, for each year from 2000 through 2009. The total sulfur dioxide emissions for all affected power plants in the nation has been limited to 9.4 million tons every year. That amount is 10 million tons less than the total emissions of sulfur dioxide in 1980. In 1993, U.S. EPA allocated a certain amount of sulfur dioxide emissions to each power plant regulated by Phase II of the Acid Rain Program. Emissions of nitrogen oxides are being reduced by at least 2 million tons per year, by setting limits on the emission rate of nitrogen oxides from coal-fired power plant boilers.

**Federal Rule Applicability [40 CFR 72 through 40 CFR 78]**

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The emission allowances and conditions in the draft permit were taken from the limits developed by the U.S. EPA for the Acid Rain Program pursuant to Title IV of the Clean Air Act, 42 United States Code 7401, as amended by Public Law 101-5049 (November 15, 1990). Parts 72 through 78, of Title 40 of the Code of Federal Regulations (CFR), 61 Federal Register (FR) 359142, 61 FR 67111, 61 FR 68821, and 62 FR 3463, apply to Acid Rain permitted sources. U.S. EPA

requires that the Title IV Acid Rain operation permit include the application as part of the permit which details compliance requirements.

#### **State Rule Applicability (326 IAC 21 Acid Deposition Control)**

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Title 326 of the Indiana Administrative Code (IAC) 21, Acid Deposition Control, has adopted the federal rule by referencing 40 CFR 72 through 78, 60 FR 59142, 60 FR 67111, 61 FR 68821, and 62 FR 3463. The rule incorporates the requirements of the Title IV, Clean Air Act Acid Rain Program of the 1990 Clean Air Act.

#### **Sulfur Dioxide Emission Allocations**

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The sulfur dioxide (SO<sub>2</sub>) allowance allocation rule (40 CFR Part 73) was revised in August 1998. The nation wide allocated SO<sub>2</sub> emissions are 9,480,000 tons per year for 2000-2009. The 2010 cap is projected to reduce SO<sub>2</sub> emissions to 8,900,000 tons per year.

This source has no annual allocated SO<sub>2</sub> allowances established in the Title IV Acid Rain Program. The new units will be required to seek SO<sub>2</sub> emission allowances from other sources to account for their SO<sub>2</sub> emissions as required by 40 CFR 72.9(c).

The SO<sub>2</sub> emissions from the source will be regulated by construction permit CP 055-10724-00034 which was issued on July 15, 1999.

#### **Nitrogen Oxide Limitations**

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Pursuant to 40 CFR 76, nitrogen oxide (NO<sub>x</sub>) emission limitations are applicable only to coal-fired utility and coal-fired substitution units that are subject to Phase I and Phase II sulfur dioxide reduction requirements. This source will not burn coal as a fuel. The NO<sub>x</sub> emissions from the source will be regulated by construction permit CP 055-10724-00034 which was issued on July 15, 1999.

#### **Monitoring Requirements [326 IAC 21]**

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The owners and operators and, to the extent applicable, the designated representative for the source shall comply with the monitoring requirements as provided in 40 CFR 75 and 72.9(b)(1) and (2). The emissions measurements recorded and reported shall be used to determine compliance with emissions limitations and emissions reduction requirements for sulfur dioxide. The requirements of this permit shall not affect the responsibility to monitor emissions of other pollutants, other emission characteristics, applicable requirements of the Clean Air Act, or any operating permit provisions. Monitoring requirements outlined in the application are considered as part of the Title IV operation permit. The source has additional monitoring requirements, as set out in construction permit CP 055-10724-00034 which was issued on July 15, 1999.

#### **Record Keeping and Reporting Requirements [326 IAC 21]**

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Copies of all reports and compliance certifications for each affected unit submitted to demonstrate compliance with the requirements of the Acid Rain Program shall be kept for a period of at least five years. The reports and compliance certifications required by the Acid Rain Program shall be submitted to the U.S. EPA and IDEM, OAM. Record keeping and reporting requirements outlined in the application are considered part of the Title IV operation permit. The source has additional record keeping and reporting requirements, as set out in construction permit CP 055-10724-00034 which was issued on July 15, 1999.

#### **Submissions [326 IAC 21]**

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The designated representative shall submit a certificate of representation and any superseding certificate of representation to U.S. EPA and IDEM, OAM. Each submission under the Acid Rain Program shall be submitted, signed, and certified by the designated representative for all

sources. The designated representative shall include the following statement for all submissions:

"I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment."

The designated representative shall notify each owner and operator of the source and of an affected unit of the date of each submission and within 10 business days of receipt of any written determination by U.S. EPA or IDEM, OAM.

### **Approval**

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Based on the information received, the source has been preliminarily determined to meet Indiana Code (IC) 13-17-3-4, IC 13-17-3-11, IC 13-17-8-1, and IC 13-17-8-2, as well as, Titles IV and V of the Clean Air Act, the IDEM, OAM proposes this draft permit pursuant to 326 IAC 21 (incorporates by reference 40 CFR 72 through 78).

The application contained no request for compliance options.

The source will also be regulated by conditions in construction permit CP 055-10724-00034 which was issued on July 15, 1999.

### **Additional Information**

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Questions regarding the proposed Acid Rain permit can be directed to Robert Ondrusek at the OAM address below or by telephone at 317/233-4227 or at 1-800-451-6027 ext. (3-4227).

The source will be inspected by the OAM, Compliance Branch Section. Persons seeking to obtain information regarding the source's compliance status or to report any potential violation of any permit condition should contact Wanda Stanfield at the Office of Air Management (OAM) address or by telephone at 317/233-6864 or at 1-800-451-6027 ext. (3-6864)

Copies of the Code of Federal Regulations (CFR) and Federal Registers (FR) referenced in the permit may be obtained from:

Indiana Department of Environmental Management  
Office of Air Management  
100 North Senate Avenue  
P.O. Box 6015  
Indianapolis, Indiana 46206-6015

or

The Government Printing Office  
Washington, D.C. 20402

or

on the government Printing Office's website at  
<http://www.access.gpo.gov/nara/cfr/index.html>



# Phase II Permit Application

Page 1

For more information, see instructions and refer to 40 CFR 72.30 and 72.31

This submission is: ☒ New ☐ Revised

## STEP 1

Identify the source by plant name, State, and ORIS code from NADB

Worthington Generation L.L.C.	IN	55148
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## STEP 2

Enter the boiler ID# from NADB for each affected unit, and indicate whether a repowering plan is being submitted for the unit by entering "yes" or "no" at column c. For new units, enter the requested information in columns d and e

Compliance Plan				
a	b	c	d	e
Boiler ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)	Repowering Plan	New Units  Commence Operation Date	New Units  Monitor Certification Deadline
*	Yes			
Turbine 1	Yes	No	6/2000	9/2000
Turbine 2	Yes	No	6/2000	9/2000
Turbine 3	Yes	No	6/2000	9/2000
Turbine 4	Yes	No	6/2000	9/2000
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			

\*The facility will use 4 turbines. No boilers will be used.

## STEP 3

Check the box if the response in column c of Step 2 is "Yes" for any unit

☐ For each unit that will be repowered, the Repowering Extension Plan form is included and the Repowering Technology Petition form has been submitted or will be submitted by June 1, 1997.



**STEP 4**  
Read the standard requirements and certification, enter the name of the designated representative, and sign and date

#### Standard Requirements

##### Permit Requirements.

- (1) The designated representative of each affected source and each affected unit at the source shall:
  - (i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in accordance with the deadlines specified in 40 CFR 72.30; and
  - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each affected source and each affected unit at the source shall:
  - (i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
  - (ii) Have an Acid Rain Permit.

##### Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR parts 74, 75, and 76.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR parts 74 and 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

##### Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each affected unit at the source shall:
  - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
  - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
  - (i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or
  - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1)(i) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

##### Excess Emissions Requirements.

- (1) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
  - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
  - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

##### Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
  - (i) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
  - (ii) All emissions monitoring information, in accordance with 40 CFR part 75;
  - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,
  - (iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (2) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.



Liability.

- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
- (6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans) and 40 CFR 76.11 (NO<sub>x</sub> averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
- (2) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;
- (3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;
- (4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- (5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Richard Roberts

Signature *Richard Roberts*

Date 12/15/99

**STEP 5 (optional)**  
Enter the source AIRS  
and FINDS identification  
numbers, if known

AIRS

FINDS





# Certificate of Representation

Page 1

For more information, see instructions and refer to 40 CFR 72.24

This submission is: ☒ New ☐ Revised (revised submissions must be completed in full; see instructions)

This submission includes combustion or process sources under 40 CFR part 74 ☐

## STEP 1

Identify the source by plant name, State, and ORIS code.

Plant Name	Worthington Generation L.L.C.	State	IN	ORIS Code	55148
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## STEP 2

Enter requested information for the designated representative.

Name	Mr. Richard Roberts		
Address	Matrix Power Development Company 1650 Highway 6 South, Suite 120 Sugar Land, TX 77478		
Phone Number	281/265-1212	Fax Number	281/265-1778
E-mail address (if available)	rroberts@matrix-companies.com		

## STEP 3

Enter requested information for the alternate designated representative, if applicable.

Name			
Phone Number		Fax Number	
E-mail address (if available)			

## STEP 4

Complete Step 5, read the certifications, and sign and date. For a designated representative of a combustion or process source under 40 CFR part 74, the references in the certifications to "affected unit" or "affected units" also apply to the combustion or process source under 40 CFR part 74 and the references to "affected source" also apply to the source at which the combustion or process source is located.

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the 'designated representative' for the affected source and each affected unit at the source identified in this certificate of representation, in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Where there are multiple holders of a legal or equitable title to, or a leasehold interest in, an affected unit, or where a utility or industrial customer purchases power from an affected unit under life-of-the-unit, firm power contractual arrangements, I certify that:

I have given a written notice of my selection as the designated representative or alternate designated representative, as applicable, and of the agreement by which I was selected to each owner and operator of the affected source and of each affected unit at the source; and


Allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in proportion to each holder's legal, equitable, leasehold, or contractual reservation or entitlement or, if such multiple holders have expressly provided for a different distribution of allowances by contract, that allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in accordance with the contract.

The agreement by which I was selected as the alternate designated representative, if applicable, includes a procedure for the owners and operators of the source and affected units at the source to authorize the alternate designated representative to act in lieu of the designated representative.



Worthington Generation, L.L.C. Plant Name (from Step 1)
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I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

 Signature (designated representative)	12/15/99 Date
 Signature (alternate designated representative)	 Date

**STEP 5**  
Provide the name of every owner and operator of the source and identify each affected unit (or combustion or process source) they own and/or operate.

Worthington Generation, L.L.C. Name					<input type="checkbox"/> Owner	<input checked="" type="checkbox"/> Operator
Turbine ID# 1	Turbine ID# 2	Turbine ID# 3	Turbine ID# 4	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

 Name					<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

 Name					<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#

 Name					<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#